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TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS	1		Web Page for STN Seminar Schedule - N. America
NEWS	2	APR 04	STN AnaVist, Version 1, to be discontinued
NEWS	3	APR 15	WPIDS, WPINDEX, and WPIX enhanced with new predefined hit display formats
NEWS	4	APR 28	EMBASE Controlled Term thesaurus enhanced
NEWS	5	APR 28	IMSRESEARCH reloaded with enhancements
NEWS	6	MAY 30	INPAFAMDB now available on STN for patent family searching
NEWS	7	MAY 30	DGENE, PCTGEN, and USGENE enhanced with new homology sequence search option
NEWS	8	JUN 06	EPFULL enhanced with 260,000 English abstracts
NEWS	9	JUN 06	KOREAPAT updated with 41,000 documents
NEWS	10	JUN 13	USPATFULL and USPAT2 updated with 11-character patent numbers for U.S. applications
NEWS	11	JUN 19	CAS REGISTRY includes selected substances from web-based collections
NEWS	12	JUN 25	CA/CAPLUS and USPAT databases updated with IPC reclassification data
NEWS	13	JUN 30	AEROSPACE enhanced with more than 1 million U.S. patent records
NEWS	14	JUN 30	EMBASE, EMBAL, and LEMBASE updated with additional options to display authors and affiliated organizations
NEWS	15	JUN 30	STN on the Web enhanced with new STN AnaVist Assistant and BLAST plug-in
NEWS	16	JUN 30	STN AnaVist enhanced with database content from EPFULL
NEWS	17	JUL 28	CA/CAPLUS patent coverage enhanced
NEWS	18	JUL 28	EPFULL enhanced with additional legal status information from the EPOline Register
NEWS	19	JUL 28	IFICDB, IFIPAT, and IFIUDB reloaded with enhancements
NEWS	20	JUL 28	STN Viewer performance improved
NEWS	21	AUG 01	INPADOCDB and INPAFAMDB coverage enhanced
NEWS	22	AUG 13	CA/CAPLUS enhanced with printed Chemical Abstracts page images from 1967-1998
NEWS	23	AUG 15	CAOLD to be discontinued on December 31, 2008
NEWS	24	AUG 15	CAPLUS currency for Korean patents enhanced
NEWS	25	AUG 25	CA/CAPLUS, CASREACT, and IFI and USPAT databases enhanced for more flexible patent number searching
NEWS	26	AUG 27	CAS definition of basic patents expanded to ensure comprehensive access to substance and sequence information

NEWS EXPRESS JUNE 27 08 CURRENT WINDOWS VERSION IS V8.3,
AND CURRENT DISCOVER FILE IS DATED 23 JUNE 2008.

NEWS HOURS STN Operating Hours Plus Help Desk Availability

NEWS LOGIN Welcome Banner and News Items
NEWS IPC8 For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that specific topic.

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 10:36:40 ON 17 SEP 2008

=> file reg		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 10:36:51 ON 17 SEP 2008
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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 16 SEP 2008 HIGHEST RN 1049663-83-3
DICTIONARY FILE UPDATES: 16 SEP 2008 HIGHEST RN 1049663-83-3

New CAS Information Use Policies, enter HELP USAGETERMS for details.

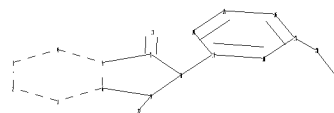
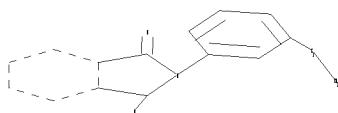
TSCA INFORMATION NOW CURRENT THROUGH July 5, 2008.

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=>
Uploading C:\Program Files\Stnexp\Queries\10551904a.str



```

chain nodes :
10 11 20 21 22
ring nodes :
1 2 3 4 5 6 7 8 9 13 14 15 16 17 18
chain bonds :
7-10 8-13 9-22 17-20 20-21
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-9 7-8 8-9 13-14 13-18 14-15 15-16 16-17
17-18
exact/norm bonds :
1-2 1-6 2-3 3-4 4-5 5-6 7-8 8-9 8-13 17-20 20-21
exact bonds :
5-7 6-9 7-10 9-22
normalized bonds :
13-14 13-18 14-15 15-16 16-17 17-18
isolated ring systems :
containing 1 : 13 :
```

G1:C,O,S,N

```

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:CLASS
11:CLASS 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 20:CLASS 21:CLASS
22:CLASS
```

L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

Structure attributes must be viewed using STN Express query preparation.

=> s l1 full

FULL SEARCH INITIATED 10:37:13 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 1643 TO ITERATE

100.0% PROCESSED 1643 ITERATIONS

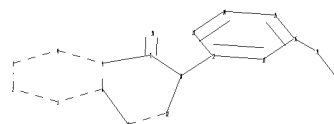
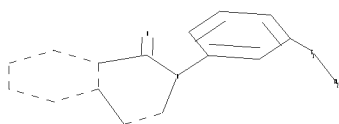
0 ANSWERS

SEARCH TIME: 00.00.01

L2 0 SEA SSS FUL L1

=>

Uploading C:\Program Files\Stnexp\Queries\10551904b.str



```

chain nodes :
9 10 19 20
ring nodes :
1 2 3 4 5 6 7 8 12 13 14 15 16 17 21 22
chain bonds :
7-9 8-12 16-19 19-20
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-21 7-8 8-22 12-13 12-17 13-14 14-15
15-16 16-17 21-22
exact/norm bonds :
1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-21 7-8 8-12 8-22 16-19 19-20 21-22
exact bonds :
7-9
normalized bonds :
12-13 12-17 13-14 14-15 15-16 16-17
isolated ring systems :
containing 1 : 12 :

```

G1:C,O,S,N

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:CLASS 10:CLASS
12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 19:CLASS 20:CLASS 21:Atom
22:Atom

L3 STRUCTURE UPLOADED

=> s l3 full
FULL SEARCH INITIATED 10:39:02 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 2517 TO ITERATE

100.0% PROCESSED 2517 ITERATIONS 2 ANSWERS
SEARCH TIME: 00.00.01

L4 2 SEA SSS FUL L3

=> file caplus		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	357.64	357.85

FILE 'CAPLUS' ENTERED AT 10:39:07 ON 17 SEP 2008
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FILE COVERS 1907 - 17 Sep 2008 VOL 149 ISS 12
FILE LAST UPDATED: 16 Sep 2008 (20080916/ED)

Caplus now includes complete International Patent Classification (IPC) reclassification data for the second quarter of 2008.

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/legal/infopolicy.html>

=> s l4 full
L5 1 L4

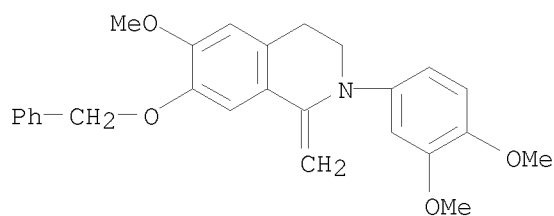
=> d ibib abs hitstr tot

L5 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2008 ACS on STN

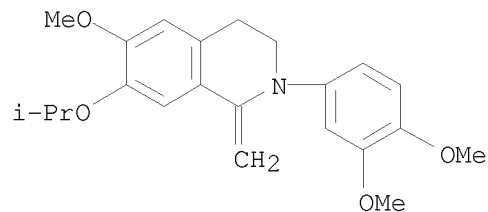
ACCESSION NUMBER: 1978:51054 CAPLUS
DOCUMENT NUMBER: 88:51054
ORIGINAL REFERENCE NO.: 88:8069a,8072a
TITLE: Application of enamine photocyclization to a total
synthesis of (±)-cryptaustoline
AUTHOR(S): Ninomiya, Ichiya; Yasui, Junko; Kiguchi, Toshiko
CORPORATE SOURCE: Kobe Women's Coll. Pharm., Higashinada, Japan
SOURCE: Heterocycles (1977), 6(11), 1855-60
CODEN: HTCYAM; ISSN: 0385-5414
DOCUMENT TYPE: Journal
LANGUAGE: English
GI

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB (±)-Cryptaustoline (I) was prepared from the phenylacetanilide II, via
photochem. cyclization of the anamine III to the dibenzopyrrocoline IV.
IT 65341-63-1P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
(Reactant or reagent)
(preparation and photochem. cyclization of, indoloisoquinoline derivs. from)
RN 65341-63-1 CAPLUS
CN Isoquinoline, 2-(3,4-dimethoxyphenyl)-1,2,3,4-tetrahydro-6-methoxy-1-
methylene-7-(phenylmethoxy)- (CA INDEX NAME)



IT 65374-44-9P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation and total cyclization of, indoloisoquinoline from)
RN 65374-44-9 CAPLUS
CN Isoquinoline, 2-(3,4-dimethoxyphenyl)-1,2,3,4-tetrahydro-6-methoxy-1-
methylene-7-(1-methylethoxy)- (CA INDEX NAME)



=> log y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

5.93

363.78

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

TOTAL

ENTRY

SESSION

CA SUBSCRIBER PRICE

-0.80

-0.80

STN INTERNATIONAL LOGOFF AT 10:39:31 ON 17 SEP 2008